

## Gentry, Nathan

---

**From:** Ramona Trovato <Trovato.Ramona@epamail.epa.gov>  
**Sent:** Friday, September 19, 2014 11:54 AM  
**To:** Trovato, Ramona  
**Subject:** Fw: FOIA - Desoto2  
**Attachments:** CHK.Report\_041312.pdf; Exhibit D Professional Services subcontractor requirements 09-25-12 DRAFT....pdf; 2012 05 21 EPA HF Study Bradford Co - Weston Evaluation Summary.pdf; Draft Access Agreement with Chesapeake v1 by MO CBH2.docx; Exhibit C Drilling Subcontractor requirements 09-25-12 DRAFT.PDF; Scanned Document.pdf; Eand E insurance certificate.pdf; EPA Company access agr-clean 9-25-12 DRAFT.PDF; 20111015\_SAIC\_Bullet\_Letter.pdf; image001.gif; image002.png

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/19/2014 11:53 AM -----

From: Ramona Trovato/DC/USEPA/US  
To: Ramona Trovato/DC/USEPA/US  
Date: 09/18/2014 04:52 PM  
Subject: FOIA - Desoto2

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer  
To: Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Cc: John Satterfield , "Chris Hill (Regulatory)"  
Date: 06/06/2012 03:59 PM  
Subject: OGC

Ramona and Jeanne –

It did come as a surprise that EPA is not moving forward with site characterization due to the liability issue associated with the horizontal wells which may or may not be drilled. Given this information, we now appreciate the need to resolve this issue post-haste. We believe we will require a conversation with your attorneys – could you send us their contact information or set up a meeting for our attorneys with yours? At a minimum, we will require something written from OGC I believe. In any case, a phone conference would be helpful to schedule as soon as possible.

Thanks, Stephanie

Thank you,  
*Stephanie R. Timmermeyer*  
Director - Federal Regulatory Affairs  
Chesapeake Energy Corporation  
Mobile: (304) 941-9879  
E-mail: [Stephanie.Timmermeyer@chk.com](mailto:Stephanie.Timmermeyer@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
image001.jpg  
which may be a computer program. This attached computer program could  
contain a computer virus which could cause harm to EPA's computers,  
network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced  
into the EPA network. EPA is deleting all computer program attachments  
sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you  
should contact the sender and request that they rename the file name  
extension and resend the Email with the renamed attachment. After  
receiving the revised Email, containing the renamed attachment, you can  
rename the file extension to its correct name.

For further information, please contact the EPA Call Center at  
(866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer  
To: Jeanne Briskin/DC/USEPA/US@EPA  
Cc: "Chris Hill (Regulatory)" , John Satterfield , Ramona Trovato/DC/USEPA/US@EPA  
Date: 06/06/2012 08:33 PM  
Subject: Re: OGC

---

Just heard back - we can do anytime between 3-5CT Monday or 1-4CT Tues or Wed. Thanks.

Stephanie R. Timmermeyer  
Chesapeake Energy  
Director, Regulatory Affairs - Federal  
304.941.9879

**From:** Jeanne Briskin [<mailto:Briskin.Jeanne@epamail.epa.gov>]  
**Sent:** Wednesday, June 06, 2012 06:17 PM  
**To:** Stephanie Timmermeyer  
**Cc:** Chris Hill (Regulatory); John Satterfield; Ramona Trovato  
**Subject:** RE: OGC

That sounds fine. Thanks!

-----Stephanie Timmermeyer wrote: -----

To: Jeanne Briskin/DC/USEPA/US@EPA  
From: Stephanie Timmermeyer  
Date: 06/06/2012 01:13PM  
Cc: "Chris Hill (Regulatory)" , John Satterfield , Ramona Trovato/DC/USEPA/US@EPA  
Subject: RE: OGC

Friday we have a shareholders meeting on campus so all will be very busy – we are checking the team's schedules for Mon through Wed and will let you know best times first thing in the morning

**From:** Jeanne Briskin [<mailto:Briskin.Jeanne@epamail.epa.gov>]  
**Sent:** Wednesday, June 06, 2012 3:05 PM  
**To:** Stephanie Timmermeyer  
**Cc:** Chris Hill (Regulatory); John Satterfield; Ramona Trovato  
**Subject:** Re: OGC

Hi Stephanie,

As we discussed today, EPA would like to confirm that, as we stated in our letter of 5/23, the federal government self insures, and that this arrangement is acceptable to Chesapeake before we invest in the site characterization. I will set up a meeting with our general counsel's office. What is your availability for Friday and early next week?

Thanks,

Jeanne

Jeanne Briskin  
Office of Science Policy  
Office of Research and Development  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W. (8104R)  
Washington, D.C. 20460  
(202) 564-4583 - office  
(202) 565-2911 - fax  
[briskin.jeanne@epa.gov](mailto:briskin.jeanne@epa.gov)

Address for Deliveries:  
US EPA  
Ronald Reagan Building --Room 51144  
Washington DC 20004

▼ Stephanie Timmermeyer ---06/06/2012 03:59:23 PM---Ramona and Jeanne - It did come as a surprise that EPA is not moving forward with site characterizat

From: Stephanie Timmermeyer <[stephanie.timmermeyer@chk.com](mailto:stephanie.timmermeyer@chk.com)>  
To: Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Cc: John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>, "Chris Hill (Regulatory)" <[chris.hill@chk.com](mailto:chris.hill@chk.com)>  
Date: 06/06/2012 03:59 PM  
Subject: OGC

---

Ramona and Jeanne –

It did come as a surprise that EPA is not moving forward with site characterization due to the liability issue associated with the horizontal wells which may or may not be drilled. Given this information, we now appreciate the need to resolve this issue post-haste. We believe we will require a conversation with your attorneys – could you send us their contact information or set up a meeting for our attorneys with yours? At a minimum, we will require something written from OGC I believe. In any case, a phone

conference would be helpful to schedule as soon as possible.

Thanks, Stephanie

Thank you,

**Stephanie R. Timmermeyer**

Director - Federal Regulatory Affairs

Chesapeake Energy Corporation

Mobile: (304) 941-9879

E-mail: [Stephanie.Timmermeyer@chk.com](mailto:Stephanie.Timmermeyer@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
image001.jpg

which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer

To: Jeanne Briskin/DC/USEPA/US@EPA

Cc: "Chris Hill (Regulatory)" , John Satterfield , Ramona Trovato/DC/USEPA/US@EPA

Date: 06/07/2012 01:31 PM

Subject: Re: OGC

---

That time works for us - thanks  
Stephanie R. Timmermeyer  
Chesapeake Energy  
Director, Regulatory Affairs - Federal  
304.941.9879

**From:** Jeanne Briskin [<mailto:Briskin.Jeanne@epamail.epa.gov>]  
**Sent:** Thursday, June 07, 2012 12:18 PM  
**To:** Stephanie Timmermeyer  
**Cc:** Chris Hill (Regulatory); John Satterfield; Ramona Trovato  
**Subject:** Re: OGC

Hi Stephanie,

How about 2 pm EDT on Tuesday June 12? Our general counsel's office will participate. I can provide a conference call line.

To assist the discussion, please provide us in advance with a draft of any access agreement or other similar document they anticipate using in connection with this project.

Thanks,

Jeanne  
Jeanne Briskin  
Office of Science Policy  
Office of Research and Development  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W. (8104R)  
Washington, D.C. 20460  
(202) 564-4583 - office  
(202) 565-2911 - fax  
[briskin.jeanne@epa.gov](mailto:briskin.jeanne@epa.gov)

Address for Deliveries:  
US EPA  
Ronald Reagan Building --Room 51144  
Washington DC 20004

▼ Stephanie Timmermeyer ---06/06/2012 08:33:17 PM---Just heard back - we can do anytime between 3-5CT Monday or 1-4CT Tues or Wed. Thanks. Stephanie R.

From: Stephanie Timmermeyer  
To: Jeanne Briskin/DC/USEPA/US@EPA  
Cc: "Chris Hill (Regulatory)" , John Satterfield , Ramona Trovato/DC/USEPA/US@EPA  
Date: 06/06/2012 08:33 PM  
Subject: Re: OGC

---

Just heard back - we can do anytime between 3-5CT Monday or 1-4CT Tues or Wed. Thanks.

Stephanie R. Timmermeyer  
Chesapeake Energy

Director, Regulatory Affairs - Federal  
304.941.9879

**From:** Jeanne Briskin [<mailto:Briskin.Jeanne@epamail.epa.gov>]  
**Sent:** Wednesday, June 06, 2012 06:17 PM  
**To:** Stephanie Timmermeyer  
**Cc:** Chris Hill (Regulatory); John Satterfield; Ramona Trovato  
**Subject:** RE: OGC

That sounds fine. Thanks!

-----Stephanie Timmermeyer wrote: -----

To: Jeanne Briskin/DC/USEPA/US@EPA  
From: Stephanie Timmermeyer  
Date: 06/06/2012 01:13PM  
Cc: "Chris Hill (Regulatory)" , John Satterfield , Ramona Trovato/DC/USEPA/US@EPA  
Subject: RE: OGC

Friday we have a shareholders meeting on campus so all will be very busy – we are checking the team's schedules for Mon through Wed and will let you know best times first thing in the morning

**From:** Jeanne Briskin [<mailto:Briskin.Jeanne@epamail.epa.gov>]  
**Sent:** Wednesday, June 06, 2012 3:05 PM  
**To:** Stephanie Timmermeyer  
**Cc:** Chris Hill (Regulatory); John Satterfield; Ramona Trovato  
**Subject:** Re: OGC

Hi Stephanie,

As we discussed today, EPA would like to confirm that, as we stated in our letter of 5/23, the federal government self insures, and that this arrangement is acceptable to Chesapeake before we invest in the site characterization. I will set up a meeting with our general counsel's office. What is your availability for Friday and early next week?

Thanks,

Jeanne

Jeanne Briskin  
Office of Science Policy  
Office of Research and Development  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, N.W. (8104R)  
Washington, D.C. 20460  
(202) 564-4583 - office  
(202) 565-2911 - fax  
[briskin.jeanne@epa.gov](mailto:briskin.jeanne@epa.gov)

Address for Deliveries:  
US EPA  
Ronald Reagan Building --Room 51144  
Washington DC 20004

▼ Stephanie Timmermeyer ---06/06/2012 03:59:23 PM---Ramona and Jeanne - It did come as a surprise that EPA is not moving forward with site characterizat

From: Stephanie Timmermeyer <[stephanie.timmermeyer@chk.com](mailto:stephanie.timmermeyer@chk.com)>  
To: Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA

Ramona and Jeanne –

It did come as a surprise that EPA is not moving forward with site characterization due to the liability issue associated with the horizontal wells which may or may not be drilled. Given this information, we now appreciate the need to resolve this issue post-haste. We believe we will require a conversation with your attorneys – could you send us their contact information or set up a meeting for our attorneys with yours? At a minimum, we will require something written from OGC I believe. In any case, a phone conference would be helpful to schedule as soon as possible.

Thanks, Stephanie

Thank you,

*Stephanie R. Timmermeyer*

Director - Federal Regulatory Affairs

Chesapeake Energy Corporation

Mobile: (304) 941-9879

E-mail: [Stephanie.Timmermeyer@chk.com](mailto:Stephanie.Timmermeyer@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
image001.jpg

which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer  
To: Jeanne Briskin/DC/USEPA/US@EPA, "Chris Hill (Regulatory)", Cynthia Sonich-Mullin/CI/USEPA/US@EPA, David Jewett/ADA/USEPA/US@EPA, Doug Beak/ADA/USEPA/US@EPA, Michael Overbay/R6/USEPA/US@EPA, Pooja Parikh/DC/USEPA/US@EPA, Stephen Hess/DC/USEPA/US@EPA, Susan Mravik/ADA/USEPA/US@EPA  
Cc: John Satterfield, Ramona Trovato/DC/USEPA/US@EPA  
Date: 06/08/2012 09:47 AM  
Subject: RE: Information Update - Description has changed: Prospective case study: Chesapeake question re: indemnification

---

Jeanne and Team:

Our legal department is in the process of preparing for our meeting next week regarding the potential liability and indemnity issues with respect to the EPA's prospective study. In an effort to facilitate discussions, they have asked whether you can provide a "sample" or "standard" agreement the EPA uses with its non-government vendors or partners. Specifically, they are looking for EPA standard provisions around premises liability, personal injury, safety, subcontractor indemnity, and environmental hazard/pollution, etc. By making this request, the legal department is hoping that they may be able to work from your standard provisions in creating an agreement to address any concerns more quickly than might be the case in starting fresh.

Thanks  
Stephanie

-----Original Appointment-----

**From:** Jeanne Briskin/DC/USEPA/US [<mailto:Briskin.Jeanne@epamail.epa.gov>]

**Sent:** Friday, June 08, 2012 8:27 AM

**To:** Jeanne Briskin/DC/USEPA/US; Chris Hill (Regulatory); Cynthia Sonich-Mullin/CI/USEPA/US; David Jewett/ADA/USEPA/US; Doug Beak/ADA/USEPA/US; Michael Overbay/R6/USEPA/US; Pooja Parikh/DC/USEPA/US; Stephanie Timmermeyer; Stephen Hess/DC/USEPA/US; Susan Mravik/ADA/USEPA/US

**Cc:** John Satterfield; Ramona Trovato/DC/USEPA/US

**Subject:** Information Update - Description has changed: Prospective case study: Chesapeake question re: indemnification

**When:** Tuesday, June 12, 2012 2:00 PM-3:00 PM Eastern.

**Where:** 866-299-3188, conf code 8243351

To assist the discussion, please provide to EPA in advance with a draft of any access agreement or other similar document Chesapeake anticipates using in connection with this project. << File: ATT00001.htm >> << File: c092647.ics >>

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer  
To: Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Cc: John Satterfield



Were you guys able to track down any of the standard agreements we requested below? In the meantime, we think the following questions will help inform our discussions tomorrow – you could forward to your attorneys ahead of time. These are issues we believe we need to talk through –

Thanks Steph

#### Questions for Consideration

1. What limits if any does sovereign immunity place upon the EPA's ability to indemnify and hold CHK harmless
2. Who at the EPA can "accept" liability on behalf of the agency?
3. If the EPA itself cannot or is unwilling to indemnify CHK, is subcontractor insurance and/or an EPA bond sufficient?
4. What has the EPA done before in situations like this?
5. What are the EPA's suggestions?
6. What does self-insured mean precisely to the EPA?
7. What effect does being self-insured have on CHK's ability to collect on a claim given the EPA's protection under sovereign immunity and the federal tort claims act?

---

**From:** Stephanie Timmermeyer

**Sent:** Friday, June 08, 2012 8:48 AM

**To:** 'Jeanne Briskin/DC/USEPA/US'; Chris Hill (Regulatory); Cynthia Sonich-Mullin/CI/USEPA/US; David Jewett/ADA/USEPA/US; Doug Beak/ADA/USEPA/US; Michael Overbay/R6/USEPA/US; Pooja Parikh/DC/USEPA/US; Stephen Hess/DC/USEPA/US; Susan Mravik/ADA/USEPA/US

**Cc:** John Satterfield; Ramona Trovato/DC/USEPA/US

**Subject:** RE: Information Update - Description has changed: Prospective case study: Chesapeake question re: indemnification

Jeanne and Team:

Our legal department is in the process of preparing for our meeting next week regarding the potential liability and indemnity issues with respect to the EPA's prospective study. In an effort to facilitate discussions, they have asked whether you can provide a "sample" or "standard" agreement the EPA uses with its non-government vendors or partners. Specifically, they are looking for EPA standard provisions around premises liability, personal injury, safety, subcontractor indemnity, and environmental hazard/pollution, etc. By making this request, the legal department is hoping that they may be able to work from your standard provisions in creating an agreement to address any concerns more quickly than might be the case in starting fresh.

Thanks

Stephanie

-----Original Appointment-----

**From:** Jeanne Briskin/DC/USEPA/US [<mailto:Briskin.Jeanne@epamail.epa.gov>]

**Sent:** Friday, June 08, 2012 8:27 AM

**To:** Jeanne Briskin/DC/USEPA/US; Chris Hill (Regulatory); Cynthia Sonich-Mullin/CI/USEPA/US; David Jewett/ADA/USEPA/US; Doug Beak/ADA/USEPA/US; Michael Overbay/R6/USEPA/US; Pooja Parikh/DC/USEPA/US; Stephanie Timmermeyer; Stephen Hess/DC/USEPA/US; Susan Mravik/ADA/USEPA/US

**Cc:** John Satterfield; Ramona Trovato/DC/USEPA/US

**Subject:** Information Update - Description has changed: Prospective case study: Chesapeake question re: indemnification

**When:** Tuesday, June 12, 2012 2:00 PM-3:00 PM Eastern.

**Where:** 866-299-3188, conf code 8243351

To assist the discussion, please provide to EPA in advance with a draft of any access agreement or other similar document Chesapeake anticipates using in connection with this project. << File: ATT00001.htm >> << File: c092647.ics >>

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).  
----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Michael Overbay/R6/USEPA/US@EPA  
Cc: "Chris Hill (Regulatory)" , Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA, Bob Sussman/DC/USEPA/US@EPA, Stephen Hess/DC/USEPA/US@EPA, Lek Kadeli/DC/USEPA/US@EPA, Steve Pressman/DC/USEPA/US@EPA, David Jewett/ADA/USEPA/US@EPA, Doug Beak/ADA/USEPA/US@EPA, Susan Mravik/ADA/USEPA/US@EPA  
Date: 07/12/2012 04:36 PM  
Subject: RE: Insurance information

---

Thanks! Will run to ground and get back with you as soon as I can.

**From:** Michael Overbay [<mailto:Overbay.Michael@epamail.epa.gov>]

**Sent:** Thursday, July 12, 2012 3:35 PM

**To:** John Satterfield

**Cc:** Chris Hill (Regulatory); Jeanne Briskin; Ramona Trovato; Bob Sussman; Stephen Hess; Lek Kadel; Steve Pressman; David Jewett; Doug Beak; Susan Mravik

**Subject:** Insurance information

Hello John,

I am happy to finally be able to provide you information about the insurance requirements contained in the EPA contract with our prime contractor for this project, Ecology and Environment (E&E). Attached is a certificate of insurance showing E&E's existing policies, with coverage up to \$15 million. The policies will be carried forward under our existing contract with E&E. If the coverage is sufficient, Chesapeake will be added as an additional insured for the liability coverage.

Per Stephanie's E-mail message June 27th, it appears you will not need insurance information about the drilling subcontractor in order to move forward. I am hoping the above information will be adequate to allow Chesapeake to resolve their concerns about liabilities issues.

Once you have had a chance to share this information and discuss it internally, I would appreciate receiving an E-mail with your confirmation that the liability/indemnification issue is resolved. Also, we would like to receive a copy of the access agreement with the landowner to confirm that we have access to conduct our EPA activities through your agreement. As you know, we would like to make sure all the paperwork is agreed to so that we can move ahead with this project.

Please feel free for either you or Chris Hill to call me if you have any questions.

Best regards,

Mike

Michael Overbay, P.G.

Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).  
----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/17/2012 08:56 AM  
Subject: FW: Insurance information

---

Ramona – below is our Risk Management Department’s review of E&E’s insurance information. Hopefully will be easy adjustment on E&E’s part.

Please let me know if you have questions or concerns.

**From:** Chris Hill (Regulatory)  
**Sent:** Monday, July 16, 2012 10:58 PM  
**To:** 'Michael Overbay'  
**Cc:** 'David Jewett'; 'Doug Beak'; 'Susan Mravik'; John Satterfield  
**Subject:** RE: Insurance information

Mike,

Please see CHK’s comments regarding EPA’s proposed agreement attached. The embedded revisions address all concerns regarding the subcontractor issue. Once EPA has accepted all changes to the agreement, signed the document and provided CHK a new E&E certificate of insurance aligned with the agreement, CHK will consider the contractor liability issues adequately addressed to proceed with field activities. I would be more than happy to setup a conference call in the near future, if there are any issues with the revised agreement that we need to work through.

I have attached a copy of the CHK/Landowner access agreement for your information.

Please let me know if you have any questions or comments, or if there is anything else we can do to help. We look forward to proceeding with the Mississippi Lime prospective study.

Thank you,  
*Chris Hill*  
Environmental Engineer  
Chesapeake Energy Corporation  
Office: (405) 935-2321  
Mobile: (405) 388-3907  
Fax: (405) 849-2321  
E-mail: [Chris.Hill@chk.com](mailto:Chris.Hill@chk.com)

**From:** John Satterfield

**Sent:** Thursday, July 12, 2012 3:37 PM

**To:** 'Michael Overbay'

**Cc:** Chris Hill (Regulatory); 'Jeanne Briskin'; 'Ramona Trovato'; 'Bob Sussman'; 'Stephen Hess'; 'Lek Kadeli'; 'Steve Pressman'; 'David Jewett'; 'Doug Beak'; 'Susan Mravik'

**Subject:** RE: Insurance information

Thanks! Will run to ground and get back with you as soon as I can.

**From:** Michael Overbay [<mailto:Overbay.Michael@epamail.epa.gov>]

**Sent:** Thursday, July 12, 2012 3:35 PM

**To:** John Satterfield

**Cc:** Chris Hill (Regulatory); Jeanne Briskin; Ramona Trovato; Bob Sussman; Stephen Hess; Lek Kadeli; Steve Pressman; David Jewett; Doug Beak; Susan Mravik

**Subject:** Insurance information

Hello John,

I am happy to finally be able to provide you information about the insurance requirements contained in the EPA contract with our prime contractor for this project, Ecology and Environment (E&E). Attached is a certificate of insurance showing E&E's existing policies, with coverage up to \$15 million. The policies will be carried forward under our existing contract with E&E. If the coverage is sufficient, Chesapeake will be added as an additional insured for the liability coverage.

Per Stephanie's E-mail message June 27th, it appears you will not need insurance information about the drilling subcontractor in order to move forward. I am hoping the above information will be adequate to allow Chesapeake to resolve their concerns about liabilities issues.

Once you have had a chance to share this information and discuss it internally, I would appreciate receiving an E-mail with your confirmation that the liability/indemnification issue is resolved. Also, we would like to receive a copy of the access agreement with the landowner to confirm that we have access to conduct our EPA activities through your agreement. As you know, we would like to make sure all the paperwork is agreed to so that we can move ahead with this project.

Please feel free for either you or Chris Hill to call me if you have any questions.

Best regards,

Mike

Michael Overbay, P.G.

Regional Ground Water Center Coordinator

U.S. Environmental Protection Agency - Region 6

(214)665-6482

(214)665-2191 (FAX)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

*(See attached file: Draft Access Agreement with Chesapeake v1 by MO CBH2.docx)(See attached file: Scanned Document.pdf)(See attached file: Eand E insurance certificate.pdf)*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Ramona Trovato/DC/USEPA/US

To: "John Satterfield"

Thanks John. I'll move this along.

---

**From:** John Satterfield [john.satterfield@chk.com]  
**Sent:** 07/17/2012 12:56 PM GMT  
**To:** Ramona Trovato  
**Subject:** FW: Insurance information

Ramona – below is our Risk Management Department's review of E&E's insurance information. Hopefully will be easy adjustment on E&E's part.

Please let me know if you have questions or concerns.

**From:** Chris Hill (Regulatory)  
**Sent:** Monday, July 16, 2012 10:58 PM  
**To:** 'Michael Overbay'  
**Cc:** 'David Jewett'; 'Doug Beak'; 'Susan Mravik'; John Satterfield  
**Subject:** RE: Insurance information

Mike,

Please see CHK's comments regarding EPA's proposed agreement attached. The embedded revisions address all concerns regarding the subcontractor issue. Once EPA has accepted all changes to the agreement, signed the document and provided CHK a new E&E certificate of insurance aligned with the agreement, CHK will consider the contractor liability issues adequately addressed to proceed with field activities. I would be more than happy to setup a conference call in the near future, if there are any issues with the revised agreement that we need to work through.

I have attached a copy of the CHK/Landowner access agreement for your information.

Please let me know if you have any questions or comments, or if there is anything else we can do to help. We look forward to proceeding with the Mississippi Lime prospective study.

Thank you,  
*Chris Hill*  
Environmental Engineer  
Chesapeake Energy Corporation  
Office: (405) 935-2321  
Mobile: (405) 388-3907  
Fax: (405) 849-2321  
E-mail: [Chris.Hill@chk.com](mailto:Chris.Hill@chk.com)

**From:** John Satterfield  
**Sent:** Thursday, July 12, 2012 3:37 PM  
**To:** 'Michael Overbay'  
**Cc:** Chris Hill (Regulatory); 'Jeanne Briskin'; 'Ramona Trovato'; 'Bob Sussman'; 'Stephen Hess'; 'Lek Kadeli'; 'Steve Pressman'; 'David Jewett'; 'Doug Beak'; 'Susan Mravik'  
**Subject:** RE: Insurance information

Thanks! Will run to ground and get back with you as soon as I can.

**From:** Michael Overbay [<mailto:Overbay.Michael@epamail.epa.gov>]

**Sent:** Thursday, July 12, 2012 3:35 PM

**To:** John Satterfield

**Cc:** Chris Hill (Regulatory); Jeanne Briskin; Ramona Trovato; Bob Sussman; Stephen Hess; Lek Kadeli; Steve Pressman; David Jewett; Doug Beak; Susan Mravik

**Subject:** Insurance information

Hello John,

I am happy to finally be able to provide you information about the insurance requirements contained in the EPA contract with our prime contractor for this project, Ecology and Environment (E&E). Attached is a certificate of insurance showing E&E's existing policies, with coverage up to \$15 million. The policies will be carried forward under our existing contract with E&E. If the coverage is sufficient, Chesapeake will be added as an additional insured for the liability coverage.

Per Stephanie's E-mail message June 27th, it appears you will not need insurance information about the drilling subcontractor in order to move forward. I am hoping the above information will be adequate to allow Chesapeake to resolve their concerns about liabilities issues.

Once you have had a chance to share this information and discuss it internally, I would appreciate receiving an E-mail with your confirmation that the liability/indemnification issue is resolved. Also, we would like to receive a copy of the access agreement with the landowner to confirm that we have access to conduct our EPA activities through your agreement. As you know, we would like to make sure all the paperwork is agreed to so that we can move ahead with this project.

Please feel free for either you or Chris Hill to call me if you have any questions.

Best regards,

Mike

Michael Overbay, P.G.  
Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

---

**From:** John Satterfield  
**To:** Ramona Trovato/DC/USEPA/US@EPA  
**Date:** 07/18/2012 09:55 AM  
**Subject:** Re: Insurance information

---

Paul is looking to schedule a meeting week of 30 JUL with Bob to discuss our ATGAS report and our report on the retrospective split sampling in Bradford county, pa.

If we get this scheduled, let me know what level of convo you'd like to have. I can cover the technical issues to a certain point, but if you really want to talk about the hydrogeology and statistical correlation of differing parameters, will need to bring a couple of other folks.

Alternately, can have higher level discussions including bob and Paul after we have a technical convo....

Let me know....

John A Satterfield  
Director Environmental & Regulatory Affairs  
Chesapeake Energy Corporation

Sent from my iPad

On Jul 17, 2012, at 8:09 AM, "Ramona Trovato" <[Trovato.Ramona@epamail.epa.gov](mailto:Trovato.Ramona@epamail.epa.gov)> wrote:

Thanks John. I'll move this along.

---

**From:** John Satterfield [[john.satterfield@chk.com](mailto:john.satterfield@chk.com)]  
**Sent:** 07/17/2012 12:56 PM GMT  
**To:** Ramona Trovato  
**Subject:** FW: Insurance information

Ramona – below is our Risk Management Department's review of E&E's insurance information. Hopefully will be easy adjustment on E&E's part.

Please let me know if you have questions or concerns.

**From:** Chris Hill (Regulatory)  
**Sent:** Monday, July 16, 2012 10:58 PM  
**To:** 'Michael Overbay'  
**Cc:** 'David Jewett'; 'Doug Beak'; 'Susan Mravik'; John Satterfield  
**Subject:** RE: Insurance information

Mike,

Please see CHK's comments regarding EPA's proposed agreement attached. The embedded revisions address all concerns regarding the subcontractor issue. Once EPA has accepted all changes to the agreement, signed the document and provided CHK a new E&E certificate of insurance aligned with the agreement, CHK will consider the contractor liability issues adequately addressed to proceed with field activities. I would be more than happy to setup a conference call in the near future, if there are any issues with the revised agreement that we need to work through.

I have attached a copy of the CHK/Landowner access agreement for your information.

Please let me know if you have any questions or comments, or if there is anything else we can do to help. We look forward to proceeding with the Mississippi Lime prospective study.

Thank you,  
*Chris Hill*

Environmental Engineer  
Chesapeake Energy Corporation  
Office: (405) 935-2321  
Mobile: (405) 388-3907  
Fax: (405) 849-2321  
E-mail: [Chris.Hill@chk.com](mailto:Chris.Hill@chk.com)

**From:** John Satterfield  
**Sent:** Thursday, July 12, 2012 3:37 PM  
**To:** 'Michael Overbay'  
**Cc:** Chris Hill (Regulatory); 'Jeanne Briskin'; 'Ramona Trovato'; 'Bob Sussman'; 'Stephen Hess'; 'Lek Kadeli'; 'Steve Pressman'; 'David Jewett'; 'Doug Beak'; 'Susan Mravik'  
**Subject:** RE: Insurance information

Thanks! Will run to ground and get back with you as soon as I can.

**From:** Michael Overbay [<mailto:Overbay.Michael@epamail.epa.gov>]  
**Sent:** Thursday, July 12, 2012 3:35 PM  
**To:** John Satterfield  
**Cc:** Chris Hill (Regulatory); Jeanne Briskin; Ramona Trovato; Bob Sussman; Stephen Hess; Lek Kadeli; Steve Pressman; David Jewett; Doug Beak; Susan Mravik  
**Subject:** Insurance information

Hello John,

I am happy to finally be able to provide you information about the insurance requirements contained in the EPA contract with our prime contractor for this project, Ecology and Environment (E&E). Attached is a certificate of insurance showing E&E's existing policies, with coverage up to \$15 million. The policies will be carried forward under our existing contract with E&E. If the coverage is sufficient, Chesapeake will be added as an additional insured for the liability coverage.

Per Stephanie's E-mail message June 27th, it appears you will not need insurance information about the drilling subcontractor in order to move forward. I am hoping the above information will be adequate to allow Chesapeake to resolve their concerns about liabilities issues.

Once you have had a chance to share this information and discuss it internally, I would appreciate receiving an E-mail with your confirmation that the liability/indemnification issue is resolved. Also, we would like to receive a copy of the access agreement with the landowner to confirm that we have access to conduct our EPA activities through your agreement. As you know, we would like to make sure all the paperwork is agreed to so that we can move ahead with this project.

Please feel free for either you or Chris Hill to call me if you have any questions.

Best regards,

Mike

Michael Overbay, P.G.  
Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)



This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/20/2012 11:25 AM  
Subject: FW: Bob Sussman appt

---

Have time for a quick call to discuss this?

**From:** Renee Riebe  
**Sent:** Friday, July 20, 2012 9:41 AM  
**To:** John Satterfield; Paul Hagemeyer  
**Subject:** Bob Sussman appt

I just talked to Sharnett in Mr. Sussman's office – only time he has available is Tuesday July 31 at 2 pm EST- meeting notices will be forthcoming and I will be checking on flights to fly you in the night before (july 30)

Thank you,  
*Renee Riebe*  
Executive Assistant - Paul Hagemeyer  
Chesapeake Energy Corporation  
Office: (405) 935-9406  
Mobile: (405) 618-0861  
Fax: (405) 849-9406  
E-mail: [renee.riebe@chk.com](mailto:renee.riebe@chk.com)



---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: John Satterfield , Michael Overbay/R6/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/20/2012 07:55 PM  
Subject: Re: Follow up

---

Feel free to set up directly w John. I am out on Monday.

Paul Hagemeyer

V.P. Regulatory Compliance

**From:** Bob Sussman [<mailto:Sussman.Bob@epamail.epa.gov>]

**Sent:** Friday, July 20, 2012 05:30 PM

**To:** Paul Hagemeyer

**Cc:** John Satterfield; Michael Overbay ; Ramona Trovato

**Subject:** Re: Follow up

Paul -- our folks had some questions about this language and may want to follow-up. I believe mike will be giving John a call.

Robert M. Sussman

Senior Policy Counsel to the Administrator

Office of the Administrator

US Environmental Protection Agency

▼ Paul Hagemeyer ---07/19/2012 10:13:29 AM---Bob - I have had our group review the lease language to address the project continuity issue we disc

From: Paul Hagemeyer

To: Bob Sussman/DC/USEPA/US@EPA

Cc: John Satterfield

Date: 07/19/2012 10:13 AM

Subject: Follow up

---

Bob – I have had our group review the lease language to address the project continuity issue we discussed. FYI – producing leases are commonly bought and sold. The following language in the recorded lease ensures that if for any reason this lease and well changes hands, the EPA will still have access to complete its study. No further action is needed to ensure project continuity.

Hope your vacation is great and look forward to seeing you on the 31<sup>st</sup>.

10. Surface Owner agrees that Operator may drill, equip and operate as many water monitoring wells as are necessary to properly characterize the shallow geology/hydrogeology and monitor the water quality through out the complete process of site preparation, drilling, operating and producing the Well. All water monitoring wells will be drilled in accordance with Oklahoma Water Resource Board regulations, and located approximately thirty (30) feet outside the perimeter of the Well location.. Operator and Surface Owner agree that no water will be used from the water monitoring wells to drill or complete the Well without an expressed written agreement with the Surface Owner. If the Well is completed as a well capable of commercial

production,  
the water monitoring wells will remain in place for a minimum of two (2)  
years from the  
date of first sales from the Well. Surface Owner hereby expressly grants  
ingress and  
egress to Operator, and its designees (including but not limited to  
representatives of the  
U.S. Environmental Protection Agency) onto the location to periodically  
collect water  
samples, and to maintain or repair the monitor wells. Upon completion of  
the use of the  
water wells as provided for herein, the wells shall be properly plugged and  
abandoned in  
accordance with Oklahoma Water Resource Board regulations.  
11. This Agreement shall bind and inure to the benefit of all parties  
hereto, their  
heirs, successors and assigns.

Thank you,  
*Paul Hagemeyer*  
Vice President - Regulatory Compliance  
Chesapeake Energy Corporation  
Office: (405) 935-4014  
Fax: (405) 849-4014  
E-mail: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)

**DECLARE YOUR ENERGY INDEPENDENCE!**

[chk.com/independence](http://chk.com/independence)

**See the plan. Spread the word.**

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Michael Overbay/R6/USEPA/US@EPA  
Cc: Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/24/2012 12:08 PM  
Subject: FW: Follow up

---

Mike – do we still need to discuss this?

**From:** Paul Hagemeyer  
**Sent:** Friday, July 20, 2012 6:55 PM  
**To:** 'Sussman.Bob@epamail.epa.gov'  
**Cc:** John Satterfield; 'Overbay.Michael@epamail.epa.gov'; 'Trovato.Ramona@epamail.epa.gov'

**Subject:** Re: Follow up

Feel free to set up directly w John. I am out on Monday.

Paul Hagemeyer

V.P. Regulatory Compliance

**From:** Bob Sussman [<mailto:Sussman.Bob@epamail.epa.gov>]

**Sent:** Friday, July 20, 2012 05:30 PM

**To:** Paul Hagemeyer

**Cc:** John Satterfield; Michael Overbay <[Overbay.Michael@epamail.epa.gov](mailto:Overbay.Michael@epamail.epa.gov)>; Ramona Trovato <[Trovato.Ramona@epamail.epa.gov](mailto:Trovato.Ramona@epamail.epa.gov)>

**Subject:** Re: Follow up

Paul -- our folks had some questions about this language and may want to follow-up. I believe mike will be giving John a call.

Robert M. Sussman

Senior Policy Counsel to the Administrator

Office of the Administrator

US Environmental Protection Agency

▼ Paul Hagemeyer ---07/19/2012 10:13:29 AM---Bob - I have had our group review the lease language to address the project continuity issue we disc

From: Paul Hagemeyer <[paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)>

To: Bob Sussman/DC/USEPA/US@EPA

Cc: John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>

Date: 07/19/2012 10:13 AM

Subject: Follow up

---

Bob – I have had our group review the lease language to address the project continuity issue we discussed. FYI – producing leases are commonly bought and sold. The following language in the recorded lease ensures that if for any reason this lease and well changes hands, the EPA will still have access to complete its study. No further action is needed to ensure project continuity.

Hope your vacation is great and look forward to seeing you on the 31<sup>st</sup>.

10. Surface Owner agrees that Operator may drill, equip and operate as many water monitoring wells as are necessary to properly characterize the shallow geology/hydrogeology and monitor the water quality through out the complete process of site preparation, drilling, operating and producing the Well. All water monitoring wells will be drilled in accordance with Oklahoma Water Resource Board regulations, and located approximately thirty (30) feet outside the perimeter of the Well location.. Operator and Surface Owner agree that no water will be used from the water monitoring wells to drill or complete the Well without an expressed written agreement with the Surface Owner. If the Well is completed as a well capable of commercial production,

the water monitoring wells will remain in place for a minimum of two (2) years from the date of first sales from the Well. Surface Owner hereby expressly grants ingress and egress to Operator, and its designees (including but not limited to representatives of the U.S. Environmental Protection Agency) onto the location to periodically collect water samples, and to maintain or repair the monitor wells. Upon completion of the use of the water wells as provided for herein, the wells shall be properly plugged and abandoned in accordance with Oklahoma Water Resource Board regulations.

11. This Agreement shall bind and inure to the benefit of all parties hereto, their heirs, successors and assigns.

Thank you,  
*Paul Hagemeyer*  
Vice President - Regulatory Compliance  
Chesapeake Energy Corporation  
Office: (405) 935-4014  
Fax: (405) 849-4014  
E-mail: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)

**DECLARE YOUR ENERGY INDEPENDENCE!**

[chk.com/independence](http://chk.com/independence)

See the plan. Spread the word.

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: John Satterfield , Michael Overbay/R6/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/24/2012 12:47 PM  
Subject: RE: Follow up

---

Bob – have your questions been addressed?

**From:** Bob Sussman [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Friday, July 20, 2012 5:31 PM  
**To:** Paul Hagemeyer  
**Cc:** John Satterfield; Michael Overbay; Ramona Trovato  
**Subject:** Re: Follow up

Paul -- our folks had some questions about this language and may want to follow-up. I believe mike will be giving John a call.

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Paul Hagemeyer ---07/19/2012 10:13:29 AM---Bob - I have had our group review the lease language to address the project continuity issue we disc

From: Paul Hagemeyer <[paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)>  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>  
Date: 07/19/2012 10:13 AM  
Subject: Follow up

---

Bob – I have had our group review the lease language to address the project continuity issue we discussed. FYI – producing leases are commonly bought and sold. The following language in the recorded lease ensures that if for any reason this lease and well changes hands, the EPA will still have access to complete its study. No further action is needed to ensure project continuity.

Hope your vacation is great and look forward to seeing you on the 31<sup>st</sup>.

10. Surface Owner agrees that Operator may drill, equip and operate as many water monitoring wells as are necessary to properly characterize the shallow geology/hydrogeology and monitor the water quality through out the complete process of site preparation, drilling, operating and producing the Well. All water monitoring wells will be drilled in accordance with Oklahoma Water Resource Board regulations, and located approximately thirty (30) feet outside the perimeter of the Well location.. Operator and Surface Owner agree that no water will be used from the water monitoring wells to drill or complete the Well without an expressed written agreement with the Surface Owner. If the Well is completed as a well capable of commercial production, the water monitoring wells will remain in place for a minimum of two (2) years from the date of first sales from the Well. Surface Owner hereby expressly grants ingress and egress to Operator, and its designees (including but not limited to representatives of the U.S. Environmental Protection Agency) onto the location to periodically

collect water samples, and to maintain or repair the monitor wells. Upon completion of the use of the water wells as provided for herein, the wells shall be properly plugged and abandoned in accordance with Oklahoma Water Resource Board regulations.

11. This Agreement shall bind and inure to the benefit of all parties hereto, their heirs, successors and assigns.

Thank you,  
*Paul Hagemeyer*  
Vice President - Regulatory Compliance  
Chesapeake Energy Corporation  
Office: (405) 935-4014  
Fax: (405) 849-4014  
E-mail: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)

**DECLARE YOUR ENERGY INDEPENDENCE!**

[chk.com/independence](http://chk.com/independence)

See the plan. Spread the word.

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: John Satterfield , Michael Overbay/R6/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 07/25/2012 10:37 AM  
Subject: Re: Follow up

Thanks Bob. Enjoy your time

On Jul 25, 2012, at 8:59 AM, "Bob Sussman" <[Sussman.Bob@epamail.epa.gov](mailto:Sussman.Bob@epamail.epa.gov)> wrote:

Paul. Mike will be following up. We do have a few questions. I'll make sure I jump on this when I'm back from vacation.

**From:** Paul Hagemeyer [[paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)]  
**Sent:** 07/24/2012 04:47 PM GMT  
**To:** Bob Sussman  
**Cc:** John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>; Michael Overbay; Ramona Trovato  
**Subject:** RE: Follow up

Bob – have your questions been addressed?

**From:** Bob Sussman [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Friday, July 20, 2012 5:31 PM  
**To:** Paul Hagemeyer  
**Cc:** John Satterfield; Michael Overbay; Ramona Trovato  
**Subject:** Re: Follow up

Paul -- our folks had some questions about this language and may want to follow-up. I believe mike will be giving John a call.

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

Paul Hagemeyer ---07/19/2012 10:13:29 AM---Bob - I have had our group review the lease language to address the project continuity issue we disc

From: Paul Hagemeyer <[paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)>  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>  
Date: 07/19/2012 10:13 AM  
Subject: Follow up

---

Bob – I have had our group review the lease language to address the project continuity issue we discussed. FYI – producing leases are commonly bought and sold. The following language in the recorded lease ensures that if for any reason this lease and well changes hands, the EPA will still have access to complete its study. No further action is needed to ensure project continuity.

Hope your vacation is great and look forward to seeing you on the 31<sup>st</sup>.

10. Surface Owner agrees that Operator may drill, equip and operate as many water monitoring wells as are necessary to properly characterize the shallow geology/hydrogeology and monitor the water quality through out the complete process of site preparation, drilling, operating and producing the Well. All water monitoring wells will be drilled in accordance with Oklahoma Water Resource Board regulations, and located approximately thirty (30) feet outside the perimeter of the Well location.. Operator and Surface Owner agree that no water will be used from the water monitoring



wells to drill or complete the Well without an expressed written agreement with the Surface Owner. If the Well is completed as a well capable of commercial production, the water monitoring wells will remain in place for a minimum of two (2) years from the date of first sales from the Well. Surface Owner hereby expressly grants ingress and egress to Operator, and its designees (including but not limited to representatives of the U.S. Environmental Protection Agency) onto the location to periodically collect water samples, and to maintain or repair the monitor wells. Upon completion of the use of the water wells as provided for herein, the wells shall be properly plugged and abandoned in accordance with Oklahoma Water Resource Board regulations.

11. This Agreement shall bind and inure to the benefit of all parties hereto, their heirs, successors and assigns.

Thank you,  
**Paul Hagemeyer**  
Vice President - Regulatory Compliance  
Chesapeake Energy Corporation  
Office: (405) 935-4014  
Fax: (405) 849-4014  
E-mail: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

*(See attached file: image001.gif)(See attached file: image002.png)*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Ramona Trovato/DC/USEPA/US@EPA  
Cc: Jeanne Briskin/DC/USEPA/US@EPA, Stephanie Timmermeyer

Ramona:

As you know, Chesapeake's consultants collected split samples from residential drinking water sources during EPA's retrospective study field work in Bradford County, PA in October and November 2011. Though EPA sampled 37 total residential drinking water sources during this effort, Chesapeake's consultants were only able to obtain split samples from 14 residential wells and 1 spring. Access to collect splits from the other EPA sampling sites was denied Chesapeake's consultant by the associated landowners.

Chesapeake commissioned WESTON Solutions to evaluate the data in respect to previously collected Chesapeake samples from some of the studied drinking water sources and historic regional drinking water quality as available from the United States Geologic Survey. Based upon this evaluation, WESTON concludes these 15 residential drinking water sources do not appear to be impacted by Marcellus Shale natural gas drilling or production activities - including hydraulic stimulation.

Please note that we have begun disseminating this report to other appropriate stakeholders (i.e., landowners, PA DEP) and will make the document available to the public via the internet in the near future.

Chesapeake understands and supports EPA's critical evaluation of all sources of secondary information used in its hydraulic fracturing study. We hope you will consider the attached as you review and interpret your own sets of data and certainly welcome any comments or questions you may have regarding the WESTON report.

Please feel free to contact Stephanie or me if you'd like to discuss further.

Thank you,

*John Satterfield*

Director Environmental and Regulatory Affairs  
Chesapeake Energy Corporation  
Office: (405) 935-3171  
Fax: (405) 849-3171  
E-mail: [john.satterfield@chk.com](mailto:john.satterfield@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

*(See attached file: CHK.Report\_041312.pdf)*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Stephanie Timmermeyer  
To: Donald Maddox/DC/USEPA/US@EPA  
Cc: Ramona Trovato/DC/USEPA/US@EPA  
Date: 06/25/2012 03:54 PM  
Subject: Exec Summaries for Weston and Atgas

---

Don:  
Attached are the executive summary/bullet points for the Weston Bradford County report and the ATGAS report Paul promised to send over.

Thank you,

Stephanie R. Timmermeyer  
Director - Federal Regulatory Affairs  
Chesapeake Energy Corporation  
Mobile: (304) 941-9879  
E-mail: [Stephanie.Timmermeyer@chk.com](mailto:Stephanie.Timmermeyer@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
image001.jpg  
which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

*(See attached file: 2012 05 21 EPA HF Study Bradford Co - Weston Evaluation Summary.pdf)(See attached file: 20111015\_SAIC\_Bullet\_Letter.pdf)*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Cynthia Sonich-Mullin/CI/USEPA/US@EPA  
Cc: Ramona Trovato/DC/USEPA/US@EPA, Stephanie Timmermeyer, "Chris Hill (Regulatory)", Bert Smith, Mike Brownell  
Date: 06/28/2012 10:17 AM  
Subject: Follow-Up on Meeting to Discuss Analytical Methods and Lessons Learned

---

Cindy – was nice meeting you last week on the rig tour in north central PA. I hope we were able to answer at least some of your questions related to shale gas exploration, production and development.

I'm following up on our brief discussion concerning the environmental sampling and analytical methods we use/prefer, variances in those procedures to account for interference from other constituents (for example, high-TDS produced water), and overall lessons-

learned by our staff relative to those issues.

I believe it would be beneficial to discuss the recently released report by Weston that we commissioned. This report evaluated the split-sampling data Chesapeake's consultants collected during EPA's OCT/NOV 2011 Bradford County, PA Retrospective Study effort. We believe this is a valid approach in statistically comparing more recently collected sampling data with historical local and regional groundwater quality data sets. I've attached a link to the study in case you care to download it.

[http://www.chk.com/news/articles/Pages/release\\_20120529.aspx](http://www.chk.com/news/articles/Pages/release_20120529.aspx)

We can certainly facilitate such a meeting and make some of our technical staff available. Please let me know if there are any other issues besides what I've generally outlined above so that I can make sure the correct Chesapeake folks are present. We would also be more than happy to host you and your staff in OKC. If that's the case, we can also show your team our Reservoir Technology Center (i.e., core lab) and our 3D seismic data visualization room. We also have video conferencing capabilities to include those whose schedules or travel budget won't facilitate such a trip.

Alternatively we can travel to the Ada lab, EPQ headquarters in DC, Cincinnati, or some other EPA office or lab, though we unfortunately won't be able to show you some of the science and engineering that occurs here in OKC.

Look forward to hearing from you and seeing what we can schedule!

Thank you,

**John A Satterfield**

Director Environmental and Regulatory Affairs  
Chesapeake Energy Corporation  
Office: (405)935-3171  
Fax: (405)849-3171  
E-mail: [john.satterfield@chk.com](mailto:john.satterfield@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Ramona Trovato/DC/USEPA/US@EPA  
Date: 10/08/2012 12:40 PM  
Subject: FW: Call tomorrow

---

Hi Ramona – Just left you a voice-mail on your mobile phone.

Got your v-mail this morning. Was out last Thurs and Friday. Jennifer and I have already spoken and working on the proposed topic list below.

**From:** John Satterfield  
**Sent:** Monday, October 08, 2012 9:12 AM  
**To:** 'Jennifer Orme-Zavaleta'  
**Subject:** RE: Call tomorrow

Thanks Jennifer. I was on vacation last Thur and Fri. Will be discussing with my folks and will get back with you.

**From:** Jennifer Orme-Zavaleta [<mailto:Orme-Zavaleta.Jennifer@epamail.epa.gov>]  
**Sent:** Wednesday, October 03, 2012 3:05 PM  
**To:** John Satterfield

**Cc:** Jennifer Orme-Zavaleta  
**Subject:** RE: Call tomorrow

Hi John ,thanks again for your time this afternoon. So here's a start to the types of topics we could discuss at the "analytics pow wow"

Analytical methods  
Methods performance  
Methods SOP's  
Field/data collection SOP's  
well characteristics for monitoring  
selection of analytes  
Holding times  
QA  
data findings in PA

we can edit and refine this as we go

Jennifer Orme-Zavaleta, Ph.D.  
Director, National Exposure Research Laboratory  
Office of Research and Development  
US Environmental Protection Agency (D305-01)  
109 TW Alexander Dr  
RTP, NC 27711

Phone 919.541.2106  
Fax 919 541-0445  
Cell 919 699-1564  
email: [orme-zavaleta.jennifer@epa.gov](mailto:orme-zavaleta.jennifer@epa.gov)  
visit [www.epa.gov/nerl](http://www.epa.gov/nerl)

From: John Satterfield <[john.satterfield@chk.com](mailto:john.satterfield@chk.com)>  
To: Jennifer Orme-Zavaleta/RTP/USEPA/US@EPA  
Date: 10/03/2012 01:33 PM  
Subject: RE: Call tomorrow

---

Jennifer – are you calling me or am I supposed to call you? My line is 405-935-3171.

**From:** Jennifer Orme-Zavaleta [<mailto:Orme-Zavaleta.Jennifer@epamail.epa.gov>]  
**Sent:** Tuesday, October 02, 2012 9:06 AM  
**To:** John Satterfield  
**Subject:** Re: Call tomorrow

Hi John, we had met last March when Chesapeake hosted a number of EPA water mgrs at a drilling site in arlington TX. Ramona Trovato asked that I follow up w you on a conversation the 2 of you had regarding analytical methods. So simple call tomorrow to follow up. Tx and I look forward to talking w you!

Sent by EPA Wireless E-Mail Services

---

**From:** John Satterfield [[john.satterfield@chk.com](mailto:john.satterfield@chk.com)]

**Sent:** 10/02/2012 01:06 PM GMT

**To:** Jennifer Orme-Zavaleta

**Subject:** Call tomorrow

Hi Jennifer.

I spoke with your assistant last week to set up this call.

Do you happen to have an agenda or list of topics you'd like to discuss?

Thank you,

**John A Satterfield**

Director Environmental and Regulatory Affairs

Chesapeake Energy Corporation

Office: (405)935-3171

Fax: (405)849-3171

E-mail: [john.satterfield@chk.com](mailto:john.satterfield@chk.com)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield

To: Ramona Trovato/DC/USEPA/US@EPA

Date: 10/19/2012 04:58 PM

Subject: FW: Access agreement - definition of "Professional Services Subcontractor"

---

FYI

**From:** John Satterfield

**Sent:** Friday, October 19, 2012 3:58 PM

**To:** 'Overbay.Michael@epamail.epa.gov'; Chris Hill (Regulatory)

**Subject:** RE: Access agreement - definition of "Professional Services Subcontractor"

Mike – I believe Paul and Mr. Sussman have been in some discussions on this site.

**From:** [Overbay.Michael@epamail.epa.gov](mailto:Overbay.Michael@epamail.epa.gov) [<mailto:Overbay.Michael@epamail.epa.gov>]

**Sent:** Wednesday, October 17, 2012 2:01 PM

**To:** Chris Hill (Regulatory)

**Cc:** John Satterfield; [Jewett.David@epamail.epa.gov](mailto:Jewett.David@epamail.epa.gov); [Mravik.Susan@epamail.epa.gov](mailto:Mravik.Susan@epamail.epa.gov); [Beak.Doug@epamail.epa.gov](mailto:Beak.Doug@epamail.epa.gov);

[Hess.Stephen@epamail.epa.gov](mailto:Hess.Stephen@epamail.epa.gov); [Briskin.Jeanne@epamail.epa.gov](mailto:Briskin.Jeanne@epamail.epa.gov)

**Subject:** Access agreement - definition of "Professional Services Subcontractor"

Hi Chris,

Based on our discussion last week about CHK's concern that your contracting department has previously defined the term "professional services subcontractor," for internal use in a manner which may be inconsistent with the use in our draft access agreement, I have drafted a proposed definition of the term for us to include in our document:

For the purposes of this agreement, *Professional Services Subcontractor* shall include those subcontractors who shall be conducting site activities which generate data or information to be used for scientific purposes, e.g., surveyors or geophysical logging services. The term does not include subcontractors who provide non-data generating services, e.g., caterers.

I have pre-cleared this with the EPA Office of General Counsel and our contractor's legal department. Please let me know if this is an acceptable resolution to CHK's concerns.

Also, have you any response yet to my request on Monday regarding the availability of a potential replacement site due to the construction of the Sand Ridge well just 1/4 mile away from our site?

Regards,

Mike

Michael Overbay, P.G.  
Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).  
----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Ramona Trovato/DC/USEPA/US@EPA  
Date: 10/29/2012 05:48 PM  
Subject: Mike overbay has proposed a call thurs morn at 9 to discuss prospective site

---

Has suggested doug beak and david jewitt be included. Would like to make sure we're on the same page (or even the same part of the country) before proceeding.

Thanks,  
John Satterfield  
Director, Environmental and Regulatory Affairs  
Chesapeake Energy Corporation  
-----

Sent from my BlackBerry

---

This email (and attachments if any) is intended only for the use of the individual or

entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Ramona Trovato/DC/USEPA/US  
To: "John Satterfield"  
Date: 07/17/2012 09:09 AM  
Subject: Re: Insurance information

---

Thanks John. I'll move this along.

---

**From:** John Satterfield [john.satterfield@chk.com]  
**Sent:** 07/17/2012 12:56 PM GMT  
**To:** Ramona Trovato  
**Subject:** FW: Insurance information

Ramona – below is our Risk Management Department's review of E&E's insurance information. Hopefully will be easy adjustment on E&E's part.

Please let me know if you have questions or concerns.

**From:** Chris Hill (Regulatory)  
**Sent:** Monday, July 16, 2012 10:58 PM  
**To:** 'Michael Overbay'  
**Cc:** 'David Jewett'; 'Doug Beak'; 'Susan Mravik'; John Satterfield  
**Subject:** RE: Insurance information

Mike,

Please see CHK's comments regarding EPA's proposed agreement attached. The embedded revisions address all concerns regarding the subcontractor issue. Once EPA has accepted all changes to the agreement, signed the document and provided CHK a new E&E certificate of insurance aligned with the agreement, CHK will consider the contractor liability issues adequately addressed to proceed with field activities. I would be more than happy to setup a conference call in the near future, if there are any issues with the revised agreement that we need to work through.

I have attached a copy of the CHK/Landowner access agreement for your information.

Please let me know if you have any questions or comments, or if there is anything else we can do to help. We look forward to proceeding with the Mississippi Lime prospective study.

Thank you,  
*Chris Hill*  
Environmental Engineer  
Chesapeake Energy Corporation  
Office: (405) 935-2321  
Mobile: (405) 388-3907



**From:** John Satterfield  
**Sent:** Thursday, July 12, 2012 3:37 PM  
**To:** 'Michael Overbay'  
**Cc:** Chris Hill (Regulatory); 'Jeanne Briskin'; 'Ramona Trovato'; 'Bob Sussman'; 'Stephen Hess'; 'Lek Kadeli'; 'Steve Pressman'; 'David Jewett'; 'Doug Beak'; 'Susan Mravik'  
**Subject:** RE: Insurance information

Thanks! Will run to ground and get back with you as soon as I can.

**From:** Michael Overbay [<mailto:Overbay.Michael@epamail.epa.gov>]  
**Sent:** Thursday, July 12, 2012 3:35 PM  
**To:** John Satterfield  
**Cc:** Chris Hill (Regulatory); Jeanne Briskin; Ramona Trovato; Bob Sussman; Stephen Hess; Lek Kadeli; Steve Pressman; David Jewett; Doug Beak; Susan Mravik  
**Subject:** Insurance information

Hello John,

I am happy to finally be able to provide you information about the insurance requirements contained in the EPA contract with our prime contractor for this project, Ecology and Environment (E&E). Attached is a certificate of insurance showing E&E's existing policies, with coverage up to \$15 million. The policies will be carried forward under our existing contract with E&E. If the coverage is sufficient, Chesapeake will be added as an additional insured for the liability coverage.

Per Stephanie's E-mail message June 27th, it appears you will not need insurance information about the drilling subcontractor in order to move forward. I am hoping the above information will be adequate to allow Chesapeake to resolve their concerns about liabilities issues.

Once you have had a chance to share this information and discuss it internally, I would appreciate receiving an E-mail with your confirmation that the liability/indemnification issue is resolved. Also, we would like to receive a copy of the access agreement with the landowner to confirm that we have access to conduct our EPA activities through your agreement. As you know, we would like to make sure all the paperwork is agreed to so that we can move ahead with this project.

Please feel free for either you or Chris Hill to call me if you have any questions.

Best regards,

Mike

Michael Overbay, P.G.  
Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)

From: John Satterfield  
To: Michael Overbay/R6/USEPA/US@EPA, "Chris Hill (Regulatory)"  
Cc: David Jewett/ADA/USEPA/US@EPA, Susan Mravik/ADA/USEPA/US@EPA, Doug Beak/ADA/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/08/2013 04:45 PM  
Subject: Re: Prospective case study sites status?

---

Michael - ramona and I spoke. She will be following up.

Thanks,  
John Satterfield  
Director, Environmental and Regulatory Affairs  
Chesapeake Energy Corporation

-----  
Sent from my BlackBerry

**From:** Overbay.Michael@epamail.epa.gov [<mailto:Overbay.Michael@epamail.epa.gov>]  
**Sent:** Tuesday, January 08, 2013 02:49 PM  
**To:** Chris Hill (Regulatory); John Satterfield  
**Cc:** Jewett.David@epamail.epa.gov ; Mravik.Susan@epamail.epa.gov ; Beak.Doug@epamail.epa.gov  
**Subject:** Prospective case study sites status?

Hi Chris and John,

Have y'all made progress at putting together a list of potential case study sites for us to discuss? We're all involved in a meeting in DC on the HF study this week, but we would like to set up a call for next week if possible.

Mike

Michael Overbay, P.G.  
Regional Ground Water Center Coordinator  
U.S. Environmental Protection Agency - Region 6  
(214)665-6482  
(214)665-2191 (FAX)

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).  
----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: Avi Garbow/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/28/2013 09:50 AM  
Subject: Re: Access Agreement for prospective Study Site

---

Bob - I did not see. Been slammed. Give me a bit this AM to get back to you.  
Paul Hagemeyer  
V.P. Regulatory Compliance

**From:** Sussman.Bob@epamail.epa.gov [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Monday, January 28, 2013 08:46 AM  
**To:** Paul Hagemeyer  
**Cc:** Garbow.Avi@epamail.epa.gov ; Briskin.Jeanne@epamail.epa.gov ; Trovato.Ramona@epamail.epa.gov  
**Subject:** Re: Access Agreement for prospective Study Site

Paul -- I hadn't heard back and wanted to make sure you saw this. Any response?

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Bob Sussman---01/24/2013 08:25:09 PM---Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in

From: Bob Sussman/DC/USEPA/US  
To: paul.hagemeyer@chk.com  
Cc: Avi Garbow/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA  
Date: 01/24/2013 08:25 PM  
Subject: Access Agreement for prospective Study Site

---

Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in negotiating the terms of their prospective case study with the Agency. I believe you previously said it was ok to share the agreement but I wanted to double-check. Let me know.

(Btw, Avi Garbow is the lawyer working with our ORD team and me).

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).  
----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: Paul Hagemeyer , Avi Garbow/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA, "Chris Hill (Regulatory)"  
Date: 01/28/2013 03:55 PM  
Subject: RE: Access Agreement for prospective Study Site

---

Bob – please see attached access agreement. If you compare the versions we’ve traded back and forth on our prospective site efforts, you’ll notice we’ve removed names and identifying information relative to the lease and the surface owner, and the separate surface damage agreement altogether.

Please feel free to share this version with Range.

Note, these were prepared for an Oklahoma site and may need to be revised if used in other state(s) to reflect local laws and regulations.

**From:** Sussman.Bob@epamail.epa.gov [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Monday, January 28, 2013 8:49 AM  
**To:** Sussman.Bob@epamail.epa.gov  
**Cc:** Paul Hagemeyer; Garbow.Avi@epamail.epa.gov; Briskin.Jeanne@epamail.epa.gov; Trovato.Ramona@epamail.epa.gov; John Satterfield  
**Subject:** Re: Access Agreement for prospective Study Site

Adding John to help get a response . . .

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Bob Sussman---01/28/2013 09:46:03 AM---Paul -- I hadn't heard back and wanted to make sure you saw this. Any response? Robert M. Sussman S

From: Bob Sussman/DC/USEPA/US  
To: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)  
Cc: Avi Garbow/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/28/2013 09:46 AM  
Subject: Re: Access Agreement for prospective Study Site

---

Paul -- I hadn't heard back and wanted to make sure you saw this. Any response?

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Bob Sussman---01/24/2013 08:25:09 PM---Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in

From: Bob Sussman/DC/USEPA/US  
To: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)  
Cc: Avi Garbow/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA  
Date: 01/24/2013 08:25 PM  
Subject: Access Agreement for prospective Study Site

---

Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in negotiating the terms of their prospective case study with the Agency. I believe you previously said it was ok to share the agreement but I wanted to double-check. Let me know.

(Btw, Avi Garbow is the lawyer working with our ORD team and me).

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

*(See attached file: EPA Company access agr-clean 9-25-12 DRAFT.PDF)(See attached file: Exhibit C Drilling Subcontractor requirements 09-25-12 DRAFT.PDF)(See attached file: Exhibit D Professional Services subcontractor requirements 09-25-12 DRAFT....pdf)*

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: John Satterfield  
To: Bob Sussman/DC/USEPA/US@EPA  
Cc: Avi Garbow/DC/USEPA/US@EPA, "Chris Hill (Regulatory)" , Jeanne Briskin/DC/USEPA/US@EPA, Paul Hagemeyer , Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/28/2013 08:26 PM  
Subject: Re: Access Agreement for prospective Study Site

---

Not a problem. Happy new year!

Thanks,  
John Satterfield  
Director, Environmental and Regulatory Affairs  
Chesapeake Energy Corporation

-----  
Sent from my BlackBerry

**From:** Sussman.Bob@epamail.epa.gov [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Monday, January 28, 2013 05:36 PM  
**To:** John Satterfield  
**Cc:** Garbow.Avi@epamail.epa.gov ; Chris Hill (Regulatory); Briskin.Jeanne@epamail.epa.gov ; Paul Hagemeyer; Trovato.Ramona@epamail.epa.gov  
**Subject:** RE: Access Agreement for prospective Study Site

Thanks John!

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ John Satterfield ---01/28/2013 03:55:08 PM---Bob - please see attached access agreement. If you compare the versions we've traded back and forth

From: John Satterfield  
To: Bob Sussman/DC/USEPA/US@EPA

Bob – please see attached access agreement. If you compare the versions we’ve traded back and forth on our prospective site efforts, you’ll notice we’ve removed names and identifying information relative to the lease and the surface owner, and the separate surface damage agreement altogether.

Please feel free to share this version with Range.

Note, these were prepared for an Oklahoma site and may need to be revised if used in other state(s) to reflect local laws and regulations.

**From:** Sussman.Bob@epamail.epa.gov [<mailto:Sussman.Bob@epamail.epa.gov>]  
**Sent:** Monday, January 28, 2013 8:49 AM  
**To:** Sussman.Bob@epamail.epa.gov  
**Cc:** Paul Hagemeyer; Garbow.Avi@epamail.epa.gov; Briskin.Jeanne@epamail.epa.gov; Trovato.Ramona@epamail.epa.gov; John Satterfield  
**Subject:** Re: Access Agreement for prospective Study Site

Adding John to help get a response . . .

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Bob Sussman---01/28/2013 09:46:03 AM---Paul -- I hadn't heard back and wanted to make sure you saw this. Any response? Robert M. Sussman S

From: Bob Sussman/DC/USEPA/US  
To: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)  
Cc: Avi Garbow/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/28/2013 09:46 AM  
Subject: Re: Access Agreement for prospective Study Site

---

Paul -- I hadn't heard back and wanted to make sure you saw this. Any response?

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

▼ Bob Sussman---01/24/2013 08:25:09 PM---Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in

From: Bob Sussman/DC/USEPA/US  
To: [paul.hagemeyer@chk.com](mailto:paul.hagemeyer@chk.com)  
Cc: Avi Garbow/DC/USEPA/US@EPA, Ramona Trovato/DC/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA

Paul -- Range has again asked for a copy of our access agreement with Chesapeake to assist them in negotiating the terms of their prospective case study with the Agency. I believe you previously said it was ok to share the agreement but I wanted to double-check. Let me know.

(Btw, Avi Garbow is the lawyer working with our ORD team and me).

Robert M. Sussman  
Senior Policy Counsel to the Administrator  
Office of the Administrator  
US Environmental Protection Agency

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

*(See attached file: EPA Company access agr-clean 9-25-12 DRAFT.PDF)(See attached file: Exhibit C Drilling Subcontractor requirements 09-25-12 DRAFT.PDF)(See attached file: Exhibit D Professional Services subcontractor requirements 09-25-12 DRAFT....pdf)*

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Ramona Trovato/DC/USEPA/US  
To: john.satterfield@chk.com, chris.hill@chk.com, paul.hagemeier@chk.com  
Cc: Jennifer Orme-Zavaleta/RTP/USEPA/US@EPA, Jose Zambrana/DC/USEPA/US@EPA  
Date: 01/29/2013 11:53 AM  
Subject: Re: Access Agreement for prospective Study Site

---

Dear Paul, John, and Chris,  
Thank you for the time, energy, and expertise that you and your staff shared with us yesterday. It certainly helped us to understand the challenges that you have faced and addressed in sampling, analysis, and QA at HF sites. This will certainly inform our efforts as we move forward with the Potential Impacts of Hydraulic Fracturing on Drinking Water Research Study.  
Sincerely,  
Ramona

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Ramona Trovato/DC/USEPA/US@EPA  
Date: 01/29/2013 11:54 AM  
Subject: RE: Access Agreement for prospective Study Site

---

It was a pleasure to see you again. Thanks for your leadership.

-----Original Message-----

From: Trovato.Ramona@epamail.epa.gov [<mailto:Trovato.Ramona@epamail.epa.gov>]  
Sent: Tuesday, January 29, 2013 10:53 AM  
To: John Satterfield; Chris Hill (Regulatory); Paul Hagemeyer  
Cc: Orme-Zavaleta.Jennifer@epamail.epa.gov; Zambrana.Jose@epamail.epa.gov  
Subject: Re: Access Agreement for prospective Study Site

Dear Paul, John, and Chris,  
Thank you for the time, energy, and expertise that you and your staff shared with us yesterday. It certainly helped us to understand the challenges that you have faced and addressed in sampling, analysis, and QA at HF sites. This will certainly inform our efforts as we move forward with the Potential Impacts of Hydraulic Fracturing on Drinking Water Research Study.

Sincerely,  
Ramona

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).

----- Forwarded by Ramona Trovato/DC/USEPA/US on 09/18/2014 04:52 PM -----

From: Paul Hagemeyer  
To: Ramona Trovato/DC/USEPA/US@EPA, John Satterfield, "Chris Hill (Regulatory)"  
Cc: Jennifer Orme-Zavaleta/RTP/USEPA/US@EPA, Jose Zambrana/DC/USEPA/US@EPA  
Date: 01/29/2013 11:55 AM  
Subject: RE: Access Agreement for prospective Study Site

---

It was entirely our pleasure. Thank you for making the time and taking the trip. We remain committed to this effort, and will do all we can to help.

-----Original Message-----

From: Trovato.Ramona@epamail.epa.gov [<mailto:Trovato.Ramona@epamail.epa.gov>]  
Sent: Tuesday, January 29, 2013 10:53 AM  
To: John Satterfield; Chris Hill (Regulatory); Paul Hagemeyer  
Cc: Orme-Zavaleta.Jennifer@epamail.epa.gov; Zambrana.Jose@epamail.epa.gov  
Subject: Re: Access Agreement for prospective Study Site

Dear Paul, John, and Chris,



Thank you for the time, energy, and expertise that you and your staff shared with us yesterday. It certainly helped us to understand the challenges that you have faced and addressed in sampling, analysis, and QA at HF sites. This will certainly inform our efforts as we move forward with the Potential Impacts of Hydraulic Fracturing on Drinking Water Research Study.

Sincerely,  
Ramona

---

This email (and attachments if any) is intended only for the use of the individual or entity to which it is addressed, and may contain information that is confidential or privileged and exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return email and destroy all copies of the email (and attachments if any).